

# Washington Aqueduct

Status of Capital Improvements  
Enumerated in Treasury Loan Agreement Documents  
as of September 1, 2000

LB#	Project Title Specific Project	Status
<b>121</b>	<b>Basin Waste Recovery</b>	
	Environmental Assessment for Solids Facility	Design 75%
	Improvements to Backwash Pumping Station; Force Main; Rerouting of Selected Waster Stream	Design 98%
<b>122</b>	<b>Dalecarlia Pumping Station</b>	
	Pumping Station Rewire	Design 98%
	Low Service Pump/Valve Renovation	Design 5%
<b>125</b>	<b>Cabin John Bridge</b>	
	Minor Structural Repairs Parapet & Stone Replacement	Design 90%

## **126 McMillan Water Treatment Plant Improvements**

Security Improvements

Design scheduled for FY01

*McMillan Environmental Improvements*

*Design and Construction 100%*

*Computer Upgrade*

*Design and Installation 100%*

*Chlorine Scrubber Renovation*

*Design and Construction 100%*

*Clearwell Cleaning & Disinfection*

*Design and Construction 100%*

*Filter to Waste Valves*

*Design and Construction 100%*

*Roadway Repairs*

*Design and Construction 100%*

*East Shaft Pumping Station Electrical Mods*

*Design and Construction 100%*

*GAC Filter Caps*

*Feasibility Study 100%*

*N & S Clearwell Waterproofing*

*Design and Construction 100%*

## **127 Appurtenant Transmission & Storage Facilities**

Strengthen Transmission Mains

Design 100%, being advertised

*Dalecarlia Reservoir & Spoil Areas*

*Design and Construction 100%*

***Booster Switchgear***

***Design and Construction 100%***

Raw Water Conduit Rehabilitation

***Phase I: New Conduit***

Phase II: Old Conduit

***Design and Construction 100%***

Design 100%, Construction just started

***Interconnection No. 3 Improvements***

***Design and Construction 100%***

***LFPS Roof***

***Design and Construction 100%***

***Intake Building Renovation***

***Design and Construction 100%***

***Great Falls Gatehouse Renovation***

***Design and Construction 100%***

***Great Falls Zebra Mussels***

***No requirement***

South Connection Renov/Bar Racks & Sluice

Design 100 %, Construction in progress

LFPS Motor Rewinds/Screen Replacement

Design 90%

***First High Reservoir***

***Design and Construction 100%***

***Little Falls Zebra Mussels***

***No requirement***

***Reservoir Waterproofing***

***Design and Construction 100%***

## 128 Dalecarlia Water Treatment Plant Improvement

*Filter Building Controls*

*Design and Construction 100%*

*East Filter Building Renovation*

*Design and Construction 100%*

*Roadway Improvements*

*Design and Construction 100%*

*Remodel Biological Laboratory*

*Design and Construction 100%*

*Chemical Building Supervisory Control System*

*Design and Construction 100%*

Environmental Improvements

Design 100%, Construction 95%

*Administrative Building Renov & Tower Improv*

*Design and Construction 100%*

*Electrical Renovations*

*Design and Construction 100%*

*Conversion of Communication System to ISDN*

*Design and Installation 100%*

*Acquisition & Installation LAN, Dale & MCM*

*Design and Installation 100%*

*Dalecarlia Roof Replacement*

*Design and Construction 100%*

*Replacement of Chlorine Lines & Valves*

*Design and Construction 100%*

**Dale & LFPS Security Improvements**

**Design schedule for FY01**

*Floc/Sed Basin Baffle Wall Mods*

*Not required*

*Clearwell Cleaning & Disinfection*

*Design and Construction 100%*

*Filter to Waste Valves*

*Design and Construction 100%*

Sluice Gate & Basin Repairs

Design 100% and Construction 75%

*Chlorine Scrubber Repair*

*Design and Construction 100%*

*Filter Renovation/GAC Filter Caps (Study)*

*Feasibility Study 100%*

*Maintenance Building Roof Replacement*

*Design and Construction 100%*

*Dale Clearwell Waterproofing*

*Design and Construction 100%*

*(Dale Chiller Replacement\*)*

*Design and Construction 100%*

*\*Additional project added per agreement by Board*

### **130 Alternate Treatment Methods**

*Process Testing*

*Design and Construction 100%*

Chloramine Facilities

Design 100% and Construction 95%

*Liquid Alum/Polymer Systems*

*Design and Construction 100%*

*Corrosion Control Study*

*Feasibility Study 100%*

*Ozone/GAC Feasibility Study*

*Feasibility Study 100%*

## **131 Water Quality Monitoring**

*McMillan Water Quality Instrumentation*

*Design and Installation 100%*

*Dale Water Quality Instrumentation*

*Design and Installation 100%*

*McMillan Supervisory Control Expert System*

*Not Required*

*Dalecarlia Supervisory Control Expert System*

*Not Required*